

**Amendments to the Drawings**

The attached 10 sheets of drawings replace the original sheets relating to FIGS. 1-11. The Examiner had objected to the drawings, FIGS. 1-11, on the basis that lines, numbers, and letters were not uniformly thick and well defined. Applicant believes that the attachments correct this deficiency.

Attachment: Replacement Sheets 1-10

**Fig.1**

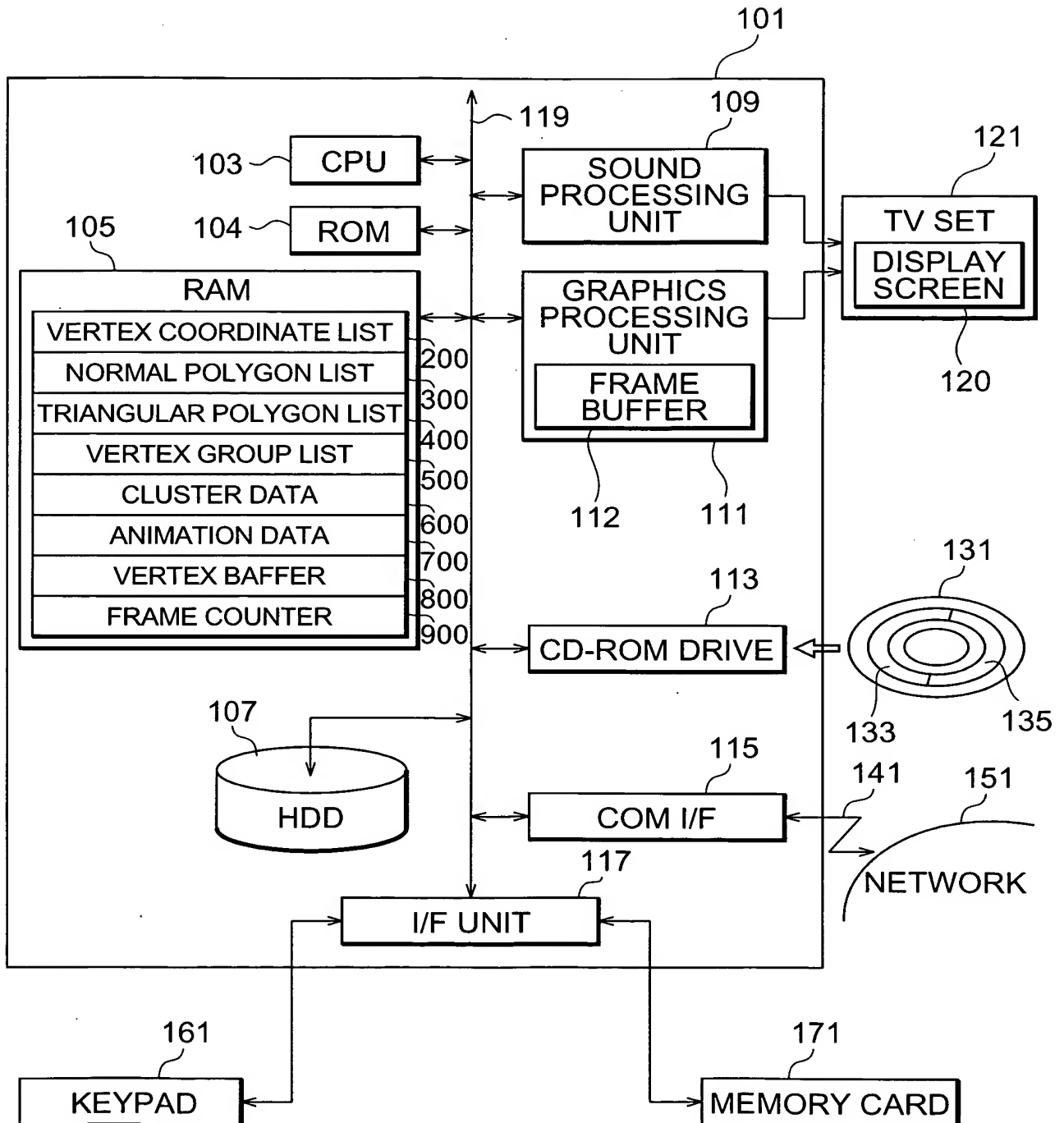


Fig.2

210

200

220

INDEX	COORDINATES (x,y,z)
vtx0	( - 8 , 1 , - 2 )
vtx1	( - 5 , 4 , 2 )
vtx2	( - 5 , 0 , 0 )
vtx3	( 5 , 0 , 0 )
vtx4	( 5 , 4 , 2 )
vtx5	( 8 , 1 , - 2 )
⋮	⋮

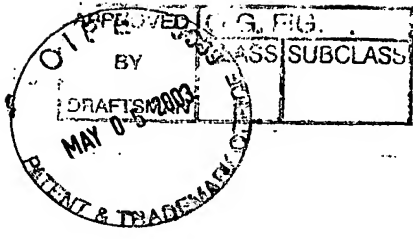
Fig.3

310

300

320

INDEX	NORMAL VECTOR (x,y,z)
nml0	( 1 , 0 , 0 )
nml1	( - 1 , 0 , 0 )
nml2	( 0 , 0 , - 1 )
nml3	( - 1 , - 1 , 0 )
nml4	( 0 , - 1 , 0 )
⋮	⋮



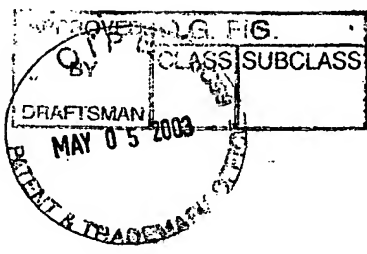
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**Fig.4**

400

410      420      430      440

INDEX	VERTEX0	VERTEX1	VERTEX2
plg0	vtx0 / nml0	vtx1 / nml2	vtx2 / nml3
plg1	vtx0 / nml1	vtx2 / nml3	vtx3 / nml4
⋮	⋮	⋮	⋮



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**Fig.5**

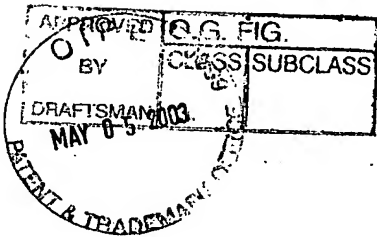
500  
↙

510	NUMBER OF GROUPS			3	
520	NUMBER OF VERTEXES			6	
530	VERTEX	vtx0	WEIGHT	0.5	540
532	VERTEX	vtx1	WEIGHT	1.0	542
534	VERTEX	vtx2	WEIGHT	1.0	544
536	VERTEX	vtx3	WEIGHT	1.0	546
538	VERTEX	vtx4	WEIGHT	1.0	548
539	VERTEX	vtx5	WEIGHT	0.5	549
522	NUMBER OF VERTEXES			2	
550	VERTEX	vtx4	WEIGHT	0.3	560
552	VERTEX	vtx6	WEIGHT	0.2	562
524	NUMBER OF VERTEXES			1	
554	VERTEX	vtx7	WEIGHT	0.5	564

VERTEX GROUP 0

VERTEX GROUP 1

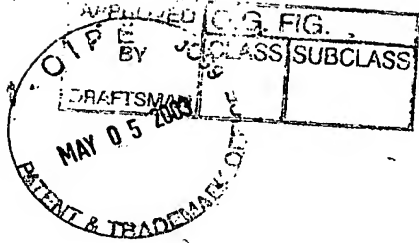
VERTEX GROUP 2



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**Fig. 6**600  
↙

610	NUMBER OF CLUSTERS	2	clust 0
620	CLUSTER INDEX	clust 0	
622	REF PARALLEL MOVEMENT AMOUNT (x,y,z)	(0,0,0)	
624	NUMBER OF VERTEX GROUPS	2	
626	VERTEX GROUP ID	3	
628	VERTEX GROUP ID	2	clust 1
630	CLUSTER INDEX	clust 1	
632	REF PARALLEL MOVEMENT AMOUNT (x,y,z)	(0,0,0)	
634	NUMBER OF VERTEX GROUPS	1	
636	VERTEX GROUP ID	0	



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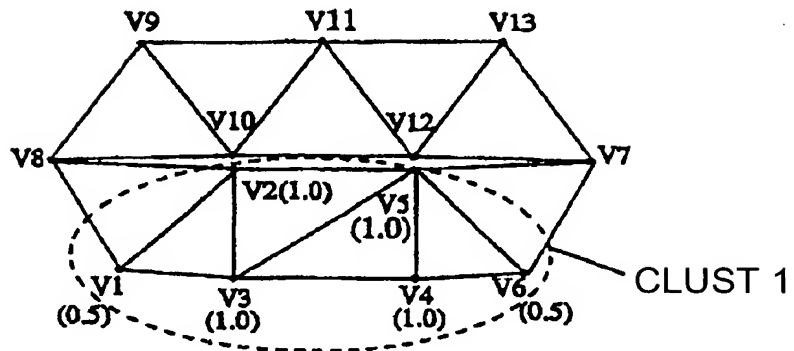
**Fig.7A**

710		720	700A
NUMBER OF CLUSTERS		NUMBER OF FRAMES	
2		10	

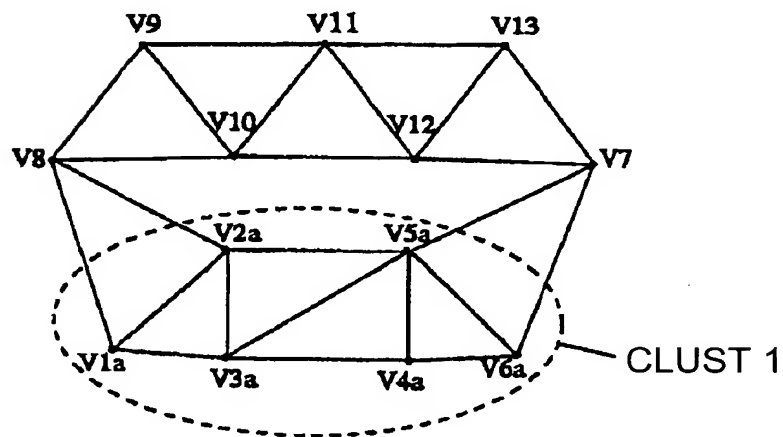
**Fig.7B**

730		740	700B
CLUSTER INDEX	PARALLEL MOVEMENT AMOUNT (x,y,z)	700	
CLUST 0	(0,0,0)	FRAME 0	
CLUST 1	(0,0,0)		
CLUST 0	(1,0,0)	FRAME 1	
CLUST 1	(-1,0,0)		
⋮	⋮		
CLUST 0	(10,5,1)	FRAME 9	
CLUST 1	(-12,0,0)		

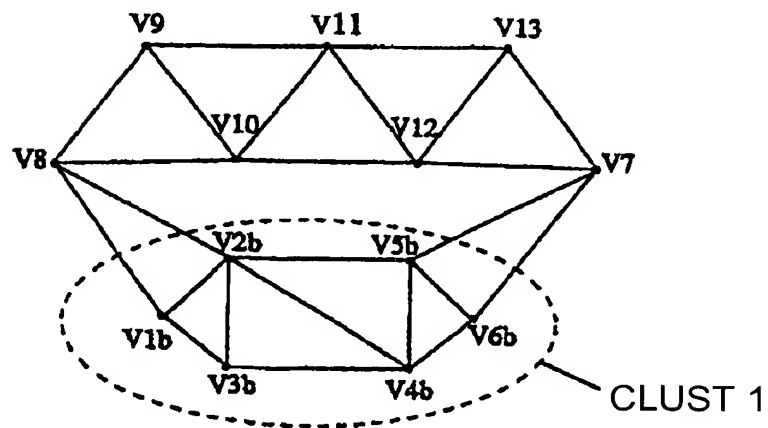
**Fig.8A**



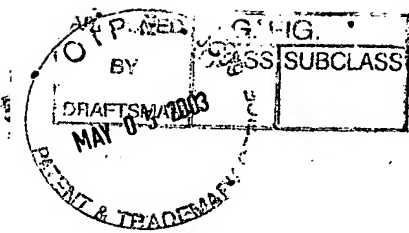
**Fig.8B**



**Fig.8C**

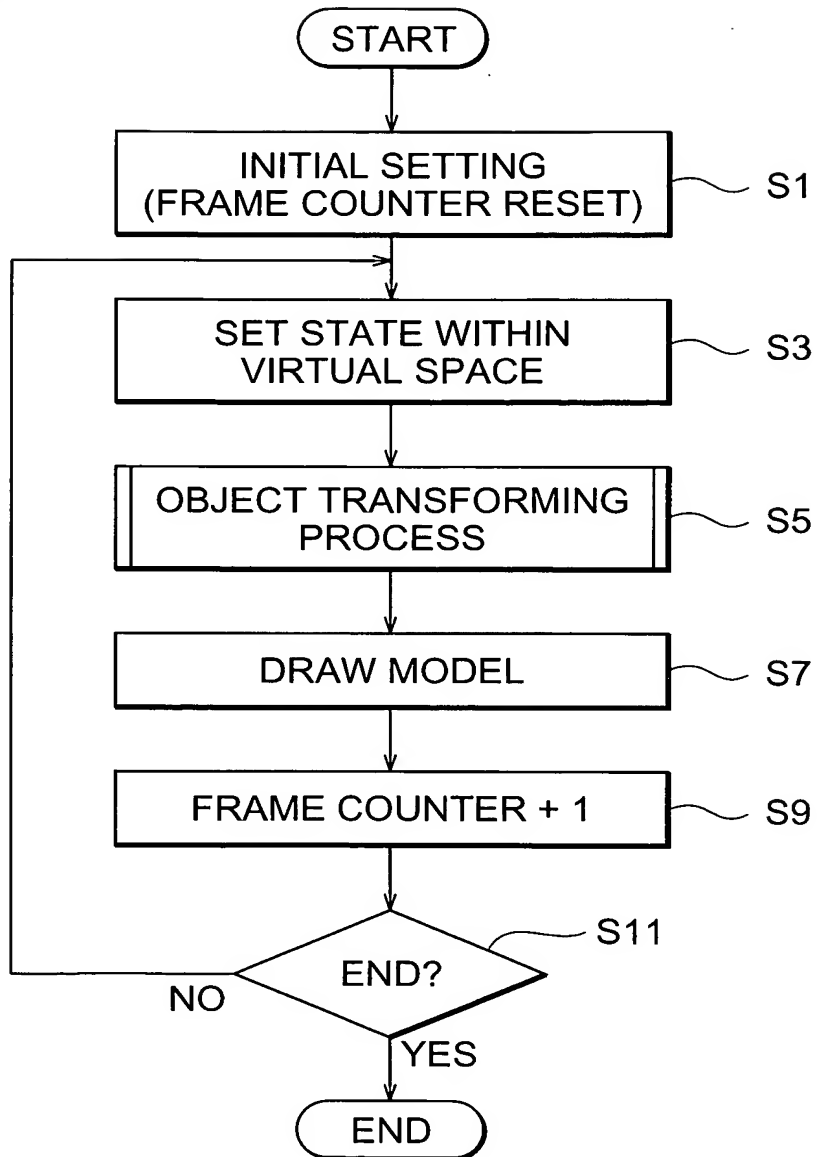


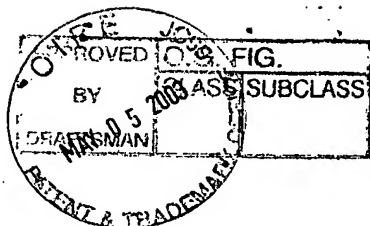




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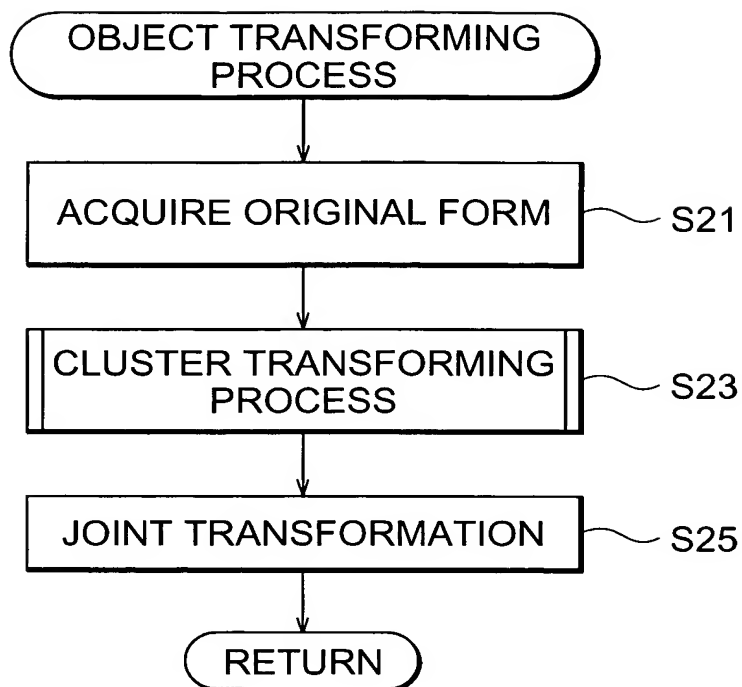
**Fig.9**

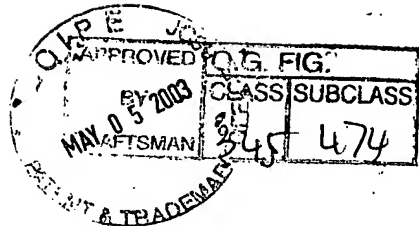




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**Fig.10**





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**Fig.11**

